

**Energy Efficiency and Sustainable Energy Board
ENERGY EFFICIENCY RESOURCE STANDARD (EERS) COMMITTEE**

**Draft Minutes of the November 18, 2019 Meeting.
Hearing Room A, Public Utilities Commission, Concord**

Committee Members Present: By Phone: David Borden (New Castle Energy Committee). **In Person:** Carol Woods (NH Electric Cooperative), Eric Stanley (Liberty Utilities), Cindy Carroll (Unitil), Madeleine Mineau (Clean Energy NH), Becky Ohler (Department of Environmental Services, ex officio as EESE Board Chair), Miles Ingram (Eversource), Ryan Clouthier (SNHS), Tonia Chase (BIA), Matt Siska (GDS Associates)

Others present: Liz Nixon, Jay Dudley, Paul Dexter, Steve Eckberg, Jacqueline Trottier, Brian Buckley (all of the Public Utilities Commission), Christa Shute (Office of the Consumer Advocate), Christine Donovan / Emily Levin (VEIC, consultant to EERS Committee); Mary Downes (Unitil).

1. Standing in for Don Kreis, in his capacity as chair of the committee, Christa Shute, Staff Attorney for the OCA, called the meeting to order at 1:30 p.m.
2. Christa Shute, Office of the Consumer Advocate was appointed Secretary to take Committee minutes.
3. Approval of November 18, 2019 on the motion of Carol Woods, the second of Eric Stanley, and a unanimous vote.
4. Goals for this meeting and subsequent meetings.
 - a. 11/18 meeting – common understanding on issues and trends, framing thoughts on issues from utilities
 - b. 12/2 – would like representatives from work groups to do a brief presentation to get everyone on the same page as to status as well as provide links to available resources
 - c. 12/16 – straw proposal for an EE goal framework – guidance principles that will frame the discussion of goals like percentage of growth, amount of low income, cross equity, hoping for core things to agree upon. Madeline commented that PUC guidance on the energy optimization report submitted would be useful. Staff commented that the report has a great deal of wiggle room so PUC guidance will probably not be informative to this process.
 - d. 1/6 – proposal for a dedicated stakeholder input session where we circulate to outside stakeholders and invite them to share their feedback on how programs are working and their ideas for the next cycle. If the committee is successful on a goals framework then invite comment on that as well. Intent is for committee to be in listening mode and questioning mode. Committee members should let Don and Christa know what they want to learn from stakeholders.
5. Presentation from VEIC (EESE Board consultants) on key trends in next-generation energy efficiency portfolio and program design plus implications for the 2021-2023 triennial EERS plan. See slide deck from VEIC, incorporated by reference.

Discussion on lighting included:

- The impact of lighting on the market and the changes in cost savings and approaches.
- The surrounding markets around New Hampshire.
- Utility comment on higher wattage and specialty bulbs playing a role.
- There is a study in Massachusetts re residential lighting – New Hampshire trying to get into that study – needs approval from EM&V Committee.
- Results from survey in February should give better idea on saturation on C&I and residential including lighting.

Discussion on Data and Systems included:

- AMI data in Vermont for years – so can target specific things and learn what measures actually result in what savings
- Miles comments on AMI useful but not a prerequisite – don't have AMI in Connecticut but they use a wifi program.
- Brian commented they do EE and DR at the same time in Maryland
- VEIC commented there is a lot of interest and advocating for coordinated programs so as to not lose opportunities
- Discussion around smart thermostats and AMI

Other major topics covered included:

- Portfolio diversification
- Building electrification
- Electrification and Efficiency strategic partners
- Distributed Energy Resources, Flexibility and Grid Integration
- BYOD Flexibility: In MA storage behind the meter storage passed the TRC test. ME just passed a new law around non-wires alternatives

Opened up for Comments

- **Eric provided some perspective on gas.** Themes are analogous (except for lighting). Element to add to discussion that applies to electric: what is the future of avoided cost going forward – they are seeing an almost 50 percent drop in avoided cost going forward which could also impact electric. He also brought up emerging technologies in gas including pilots for natural gas heat pumps about two years out; subcomponents like boiler additives; behavior optimization. The challenge of a peak being 24 to 72 hours rather than an hour.
- Miles commented on heat pumps as focus for the next triennium and different ways to approach the programs as done in Connecticut and Massachusetts. Scale versus weatherization of house before hand, the integration of programmable controls.
- Madeline commented on the importance of electrification and DR together.
- Miles commented that sometimes don't need to do pilots if have already done it in another state.
- Mary raised concerns about lighting being something accessible to every income level and need to maintain that. Becky noted that in Vermont doing LED's through foodbanks.
- Tonia mentioned that need to think about peak demand from the perspective of the C&I customer as well as from the perspective of the utility.

Slide deck is large so needs to be posted to the EESE Board Website.

6. Adjournment: The meeting adjourned at 4:10 p.m.